

Understanding Wind: Air in Motion

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5th Grade Science Review

Name: _____

Date: _____

Answer the following questions based on the lesson about wind and its movement.

1. What creates wind?

- A. Heat from the sun
- B. Movement of the Earth
- C. Pressure differences

2. How do temperature and pressure relate to wind movement?

3. High pressure areas move towards low pressure areas, creating wind.

- True False

4. The wind goes toward the south and turns around to the ____.

5. Which of the following is an example of a global wind pattern?

- A. Trade winds
- B. Breezes
- C. Tornadoes

6. Why is wind important for our weather patterns?

7. Wind only moves in one direction and does not change.

- True False

8. Wind patterns can affect ____ by influencing temperature and precipitation.

9. What does Ecclesiastes 1:6 teach us about wind?

- A. It goes in a straight line
- B. It has complex circular patterns
- C. It is unpredictable

10. Describe one way that you can create wind using simple tools, as mentioned in the activity.

Answer Key

1. Pressure differences 2. Temperature differences create areas of high and low pressure, causing wind. 3. True 4. north 5. Trade winds 6. Wind helps distribute heat and moisture across the Earth, affecting weather systems and climate. 7. False 8. weather 9. It has complex circular patterns 10. You can create wind by using a fan or waving a piece of paper quickly to move the air around.